

FIG. 1

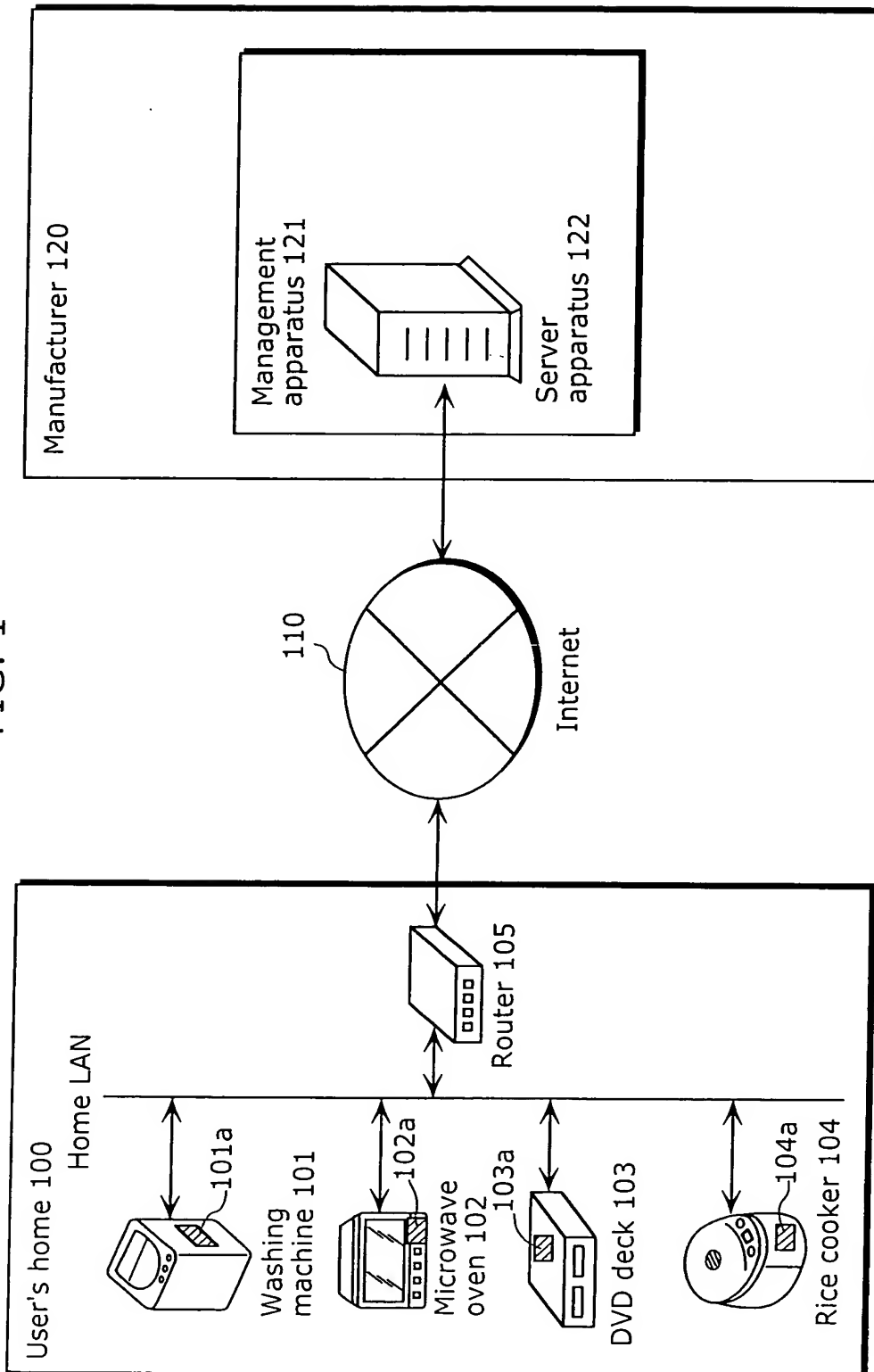


FIG. 2

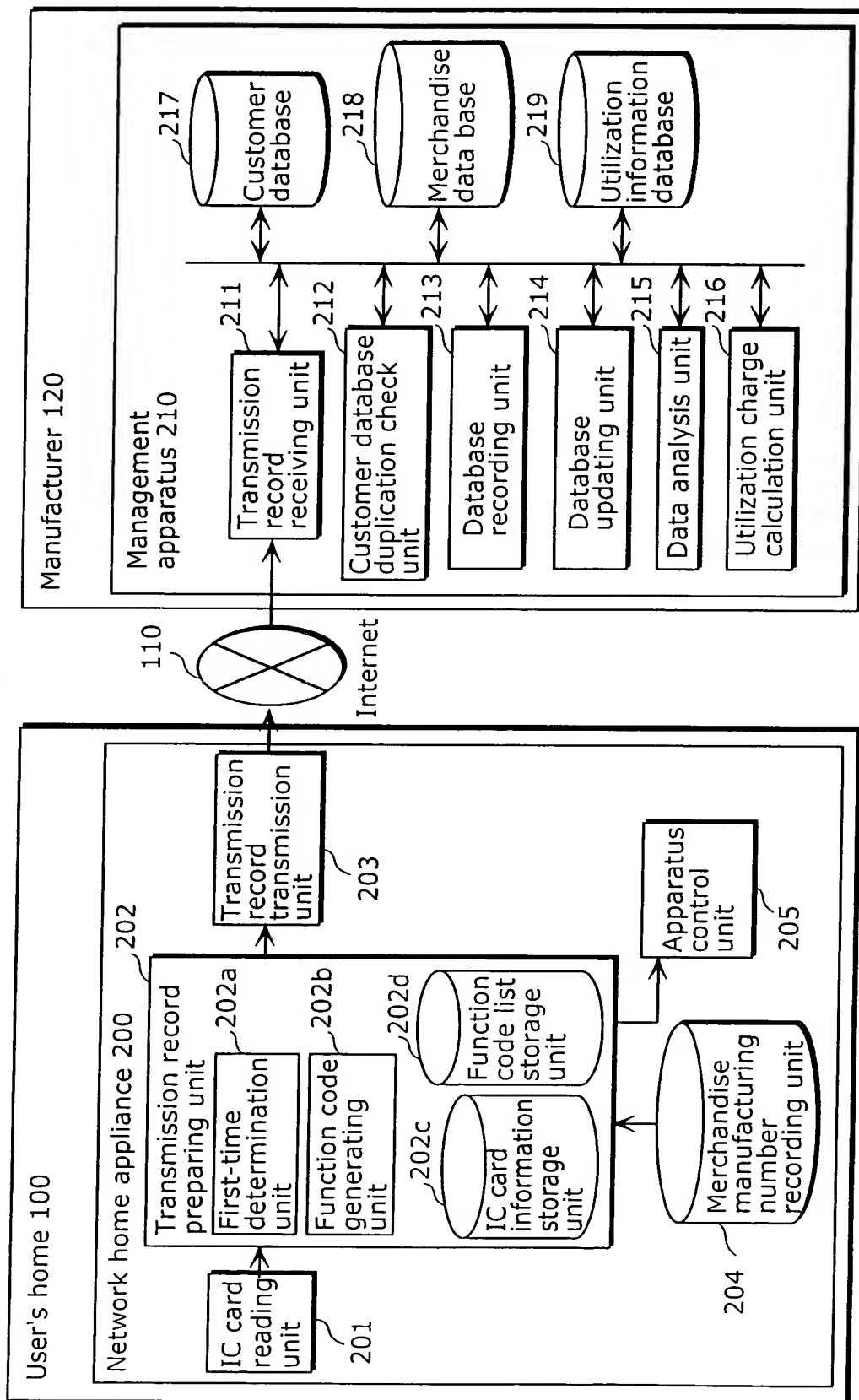


FIG. 3

First time transmission record 301

IC card information area				Merchandise area	Additional information area
IC card number	Customer's name	Customer's address	Customer's account number	Merchandise manufacturing number	Registration date/time
123456	〇〇, Taro	△△, Osaka	22222	54321	20031015 1930

(a)

Usage transmission record 302

IC card information area				Merchandise area	Function information
IC card number	Customer's name	Customer's address	Customer's account number	Merchandise manufacturing number	Function code
123456	〇〇, Taro	△△, Osaka	22222	54321	A-11

(b)

FIG. 4

Customer data table 401

(a)

Key information	IC card information area			
Customer number	IC card number	Customer's name	Customer's address	Customer's account number
377123	123456	〇〇, Taro	△△, Osaka	22222

Merchandise data table 402

(b)

Key information	Additional information
Customer number	Merchandise manufacturing number
377123	54321

Utilization information data table 403

(c)

Key information		Utilization information			
Customer number	Merchandise manufacturing number	Function code	Total times of usage	Total utilization time	Last utilization date/time
377123	54321	A-11	10 (times)	45(min)	20031101 1520

FIG. 5

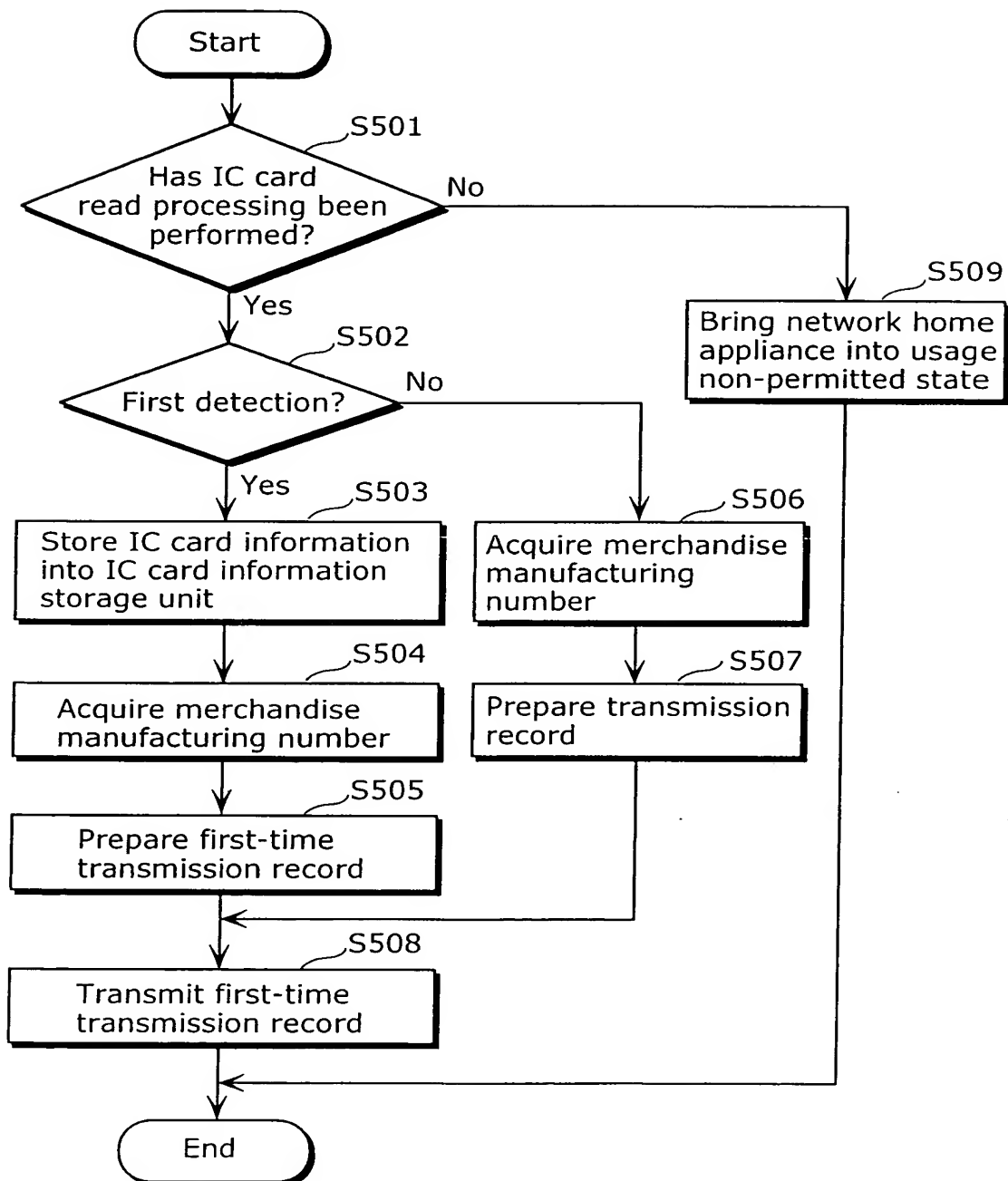


FIG. 6

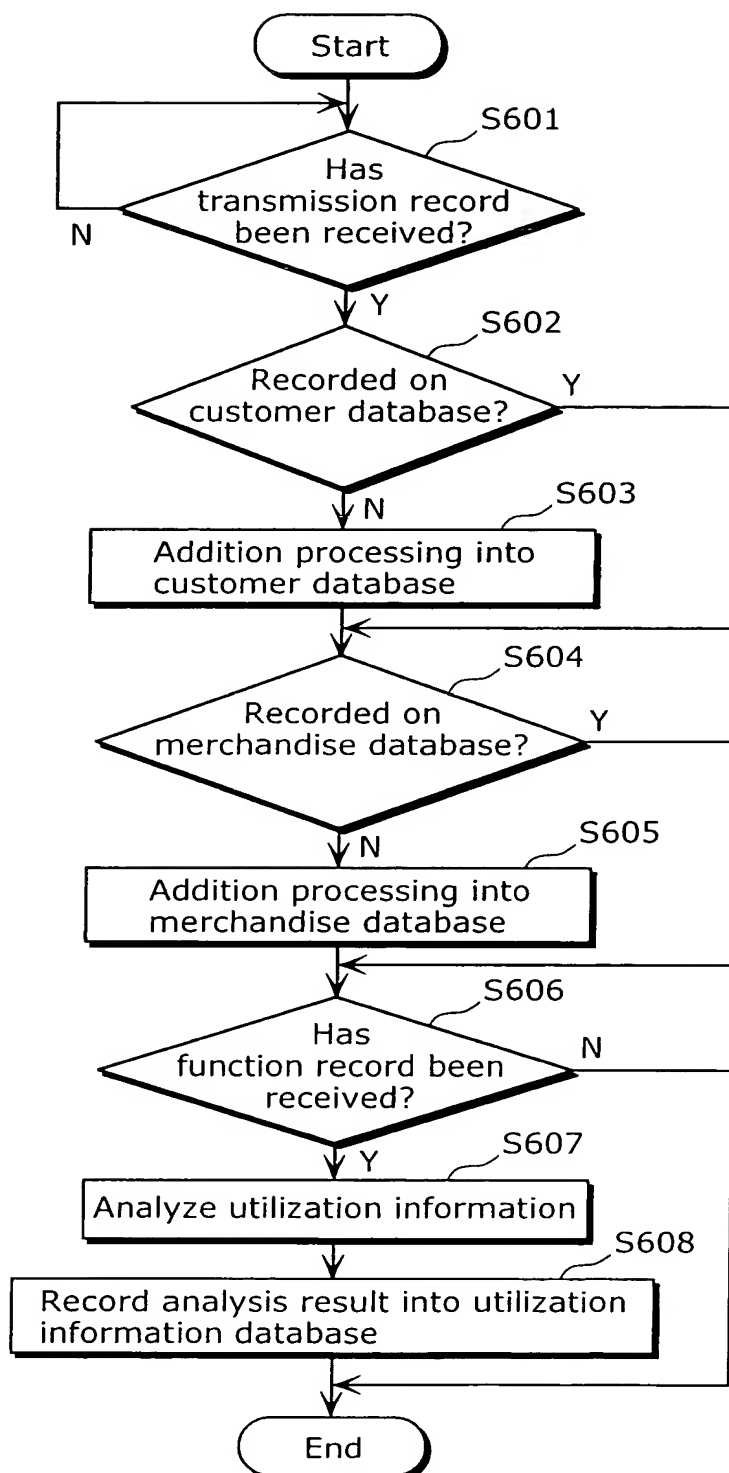


FIG. 7

701

(a)

Selection screen	
Merchandise	Function
Washing machine SE-100	Clothes drying function
	Mattress washing function
	:
Washing machine SE-110	Drying function
	:
	:
DVD recorder EO-100	

702

(b)

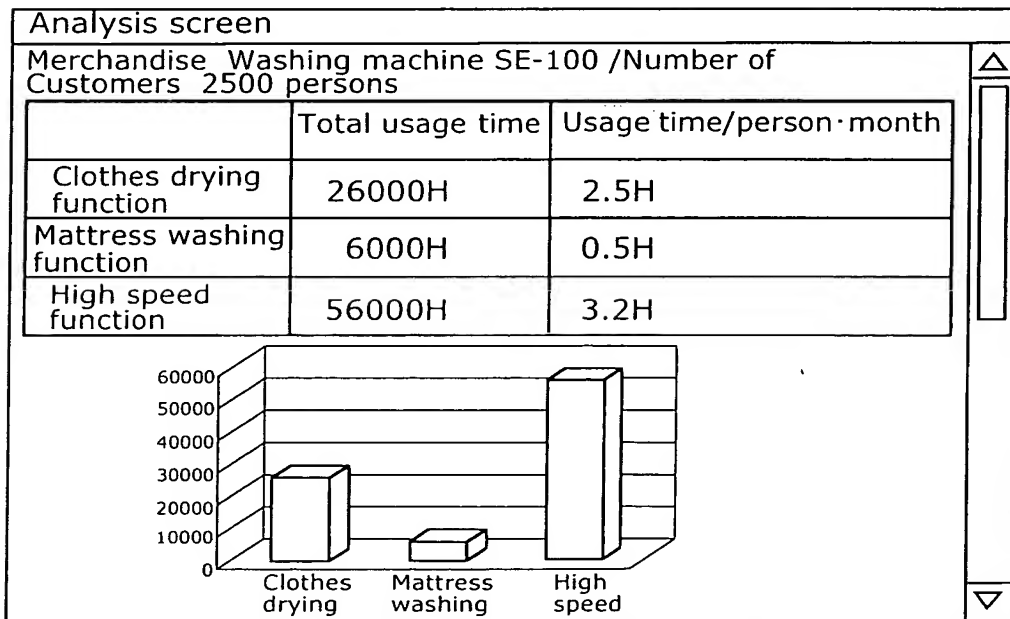


FIG. 8

(a)

801

Customer screen		
Customer Mr. Taro ○○		
	Usage time of this month	Usage charge of this month
Washing machine	5.5H	560 yen
Microwave oven	1.0H	280 yen

↓ Utilization bill screen

(b)

802

Utilization bill screen		
Bill & receipt for electric appliances utilization in October		
Mr. Taro ○○ Osaka	The following utilization charge has gratefully been collected from your predetermined account.	
	Usage time of this month	Usage charge of this month
Washing machine	5.5H	560 yen
Microwave oven	1.0H	280 yen
Basic charge		1000 yen
		1840 yen

FIG. 9

(a) Utilization information data table 900

a3 Key information				a1 a2 Utilization information	a7
a4 Customer number	a5 Merchandise manufacturing number	a6 Function code	a6 Utilization time	a6 Utilization frequency	
377123	54321	A-11	20 min	5 times	
			30 min	25 times	
			40 min	5 times	
⋮					

(b) Utilization information data table 901

a3 Key information				a1	a2
a4	a5	a8	Utilization information		a9
Customer number	Merchandise manufacturing number	Function code	Utilization time zone	Utilization frequency	
377123	54321	A-11	morning	5 times	
			afternoon	10 times	
			night	20 times	
⋮					

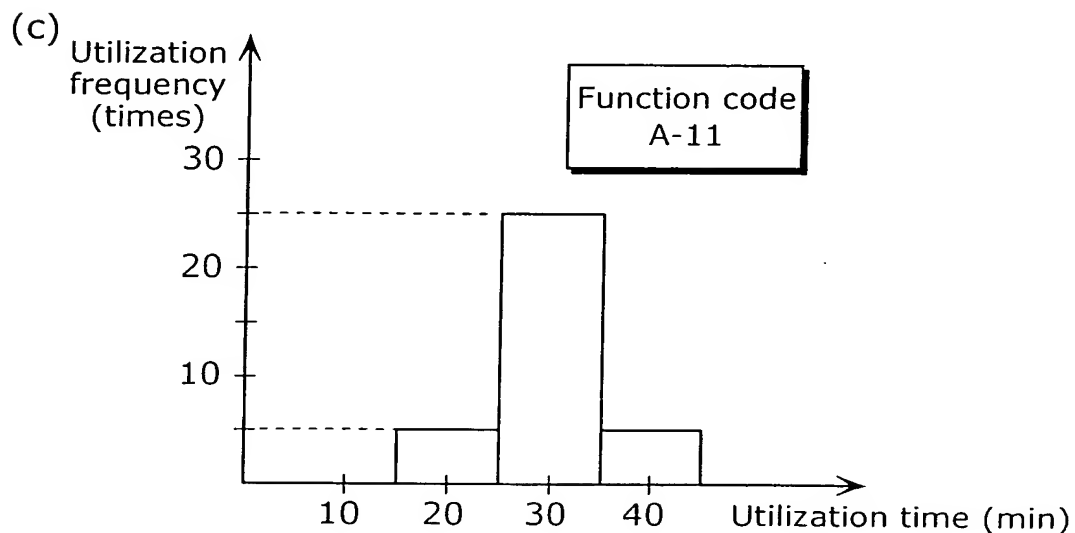


FIG. 10

(a) Function information

A - 01 - W - 05

Function code Additional code

(b) b1	<u>1000</u> b2	b3	<u>1001</u> b4
Function information	Function code	Additional information	Additional code
Drying Washing Rinse Video Recording . . .	A-01 A-02 A-03 A-04 . . .	Weight 5kg 10kg 15kg	W-05 W-10 W-15
		Temperature 10°C 15°C 20°C	T-10 T-15 T-20
		Humidity

FIG. 11

